



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Peter Crane et al.

Appln. No. : 10/051,366

Filed : January 18, 2002

Title : MOVING COIL MICRO ACTUATOR
WITH REDUCED ROTOR MASS

Docket No. : I69.12-0514

Group Art Unit:

Examiner:

Handwritten: #4
P. H. H. H.
C-1802

PRELIMINARY AMENDMENT

Box Non-Fee Amendment
Assistant Commissioner for Patents
Washington, D.C. 20231

SENT VIA EXPRESS MAIL

Express Mail No.: EL328156160US

Sir:

Prior to an Examiner's first Action in the above-identified application, please enter the following amendments:

IN THE SPECIFICATION

Please replace the paragraph at page 5, lines 3-10 with the following paragraph (marked up version attached in Appendix):

In operation load beam 24, gimbal 28, and microactuator 32 carrying slider 12 are all moved together as coarse positioning is performed by VCM 18 (FIG. 1) moving actuator arm 20 (FIG. 1). To achieve fine positioning of the transducing head, microactuator 32 generates a force which causes bending of beam springs located on the microactuator. As a result, the portion of microactuator 32 carrying slider 12 moves slightly with respect to gimbal 28 in the direction of arrows 40, displacing the transducing head with high resolution for precise positioning of the transducing head over a selected track of the disc.

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